



# MATERIAL SAFETY DATA SHEET

## 1. Product and Company Identification

**Material name** SC-200™  
**Version #** 02  
**Revision date** 19-December-2008  
**Chemical description** Liquid  
**CAS #** Mixture  
**Manufacturer** CETCO  
Drilling Products Group  
2870 Forbs Avenue  
Hoffman Estates, IL 60192 US  
safetydata@amcol.com  
<http://www.cetco.com/>  
General Information (800) 527-9948  
CHEMTREC® (800) 424-9300

## 2. Hazards Identification

### Potential health effects

**Eyes** Contact will irritate or burn eyes. Symptoms include itching, burning, redness and tearing.  
**Skin** Contact may irritate or burn skin. Symptoms may include redness, edema, drying, defatting and cracking of the skin.  
**Inhalation** Inhalation of vapors or mists of the product may be irritating to the respiratory system.  
**Ingestion** Ingestion may cause irritation to mucous membranes. Ingestion can cause gastrointestinal irritation, nausea, vomiting and diarrhea.

## 3. Composition / Information on Ingredients

The manufacturer lists no ingredients as hazardous according to OSHA 29 CFR 1910.1200.

**Composition comments** This product is not considered to be a carcinogen by IARC, ACGIH, NTP, or OSHA.

## 4. First Aid Measures

### First aid procedures

**Eye contact** Immediately flush eyes with plenty of water for at least 20 minutes. Get medical attention immediately.  
**Skin contact** Immediately flush skin with running water for at least 20 minutes. Get medical attention if irritation develops or persists.  
**Inhalation** If exposed to excessive levels of dusts or fumes, remove to fresh air and get medical attention if cough or other symptoms develop.  
**Ingestion** If swallowed, do NOT induce vomiting. Have victim rinse mouth thoroughly with water. Give victim water or milk. Get medical attention immediately.

**Notes to physician** Provide general supportive measures and treat symptomatically.

## 5. Fire Fighting Measures

**Flammable properties** None known.

### Extinguishing media

**Suitable extinguishing media** Dry chemical, CO<sub>2</sub>, water spray or regular foam. Use any media suitable for the surrounding fires.

## 6. Accidental Release Measures

**Environmental precautions** No special environmental precautions required.

**Methods for containment** Dike the spilled material, where this is possible. Stop leak if you can do so without risk.

**Methods for cleaning up** Absorb with earth, sand or other non-combustible material and transfer to containers for later disposal. After removal flush contaminated area thoroughly with water.

## 7. Handling and Storage

### Handling

Do not get this material in your eyes, on your skin, or on your clothing. Wash hands before eating. Wash hands after handling and before eating. Remove and wash contaminated clothing before re-use.

### Storage

Keep this material away from food, drink and animal feed. Keep out of the reach of children. Keep in a dry, cool and well-ventilated place. Keep from freezing.

## 8. Exposure Controls / Personal Protection

### Engineering controls

Good general ventilation should be sufficient to control airborne levels. Use process enclosures, local exhaust ventilation, or other engineering controls to control airborne levels below recommended exposure limits.

### Personal protective equipment

#### Eye / face protection

Wear safety glasses; chemical goggles (if splashing is possible).

#### Skin protection

Normal work clothing (long sleeved shirts and long pants) is recommended. Launder contaminated clothing before reuse.

#### Respiratory protection

Not normally needed.

#### General hygiene considerations

Use good industrial hygiene practices in handling this material. Wash hands before breaks and immediately after handling the product. Eye wash fountain and emergency showers are recommended.

## 9. Physical & Chemical Properties

Appearance	Not available.
Color	Yellow.
Odor	Slight.
Odor threshold	Not available.
Physical state	Liquid.
Form	Not available.
pH	7
Melting point	Not available.
Freezing point	Not available.
Boiling point	> 212 °F (> 100 °C)
Flash point	Not available.
Evaporation rate	< 1 water = 1
Flammability	Not available.
Flammability limits in air, upper, % by volume	Not available.
Flammability limits in air, lower, % by volume	Not available.
Vapor pressure	1.31 hPa estimated
Vapor density	Not available.
Specific gravity	1
Relative density	Not available.
Solubility (water)	Soluble
Partition coefficient (n-octanol/water)	Not available.
Auto-ignition temperature	Not available.
Decomposition temperature	Not available.

## 10. Chemical Stability & Reactivity Information

Chemical stability	Stable at normal conditions.
Conditions to avoid	None known.
Incompatible materials	None known.

**Hazardous decomposition products** None known.  
**Possibility of hazardous reactions** Will not occur.

## 11. Toxicological Information

### Toxicological data

#### Product

#### Test Results

SC-200™ (Mixture)

Acute Inhalation LC50 Rat: 11 mg/l/4h

Acute Oral LD50 Rat:

\* Estimates for product may be based on additional component data not shown.

## 12. Ecological Information

**Ecotoxicity** No data available for this product. This material is not expected to be harmful to aquatic life.  
**Environmental effects** No data available for this product. Based on the physical properties of this product, significant environmental persistence and bioaccumulation would not be expected.  
**Persistence and degradability** Not available.

## 13. Disposal Considerations

**Disposal instructions** Dispose in accordance with all applicable regulations.

## 14. Transport Information

### DOT

Not regulated as dangerous goods.

### IATA

Not regulated as dangerous goods.

### IMDG

Not regulated as dangerous goods.

## 15. Regulatory Information

**US federal regulations** This product is not known to be a "Hazardous Chemical" as defined by the OSHA Hazard Communication Standard, 29 CFR 1910.1200.  
OSHA Process Safety Standard: This material is not known to be hazardous by the OSHA Highly Hazardous Process Safety Standard, 29 CFR 1910.119.

### CERCLA (Superfund) reportable quantity

None

### Superfund Amendments and Reauthorization Act of 1986 (SARA)

**Hazard categories** Immediate Hazard - Yes  
Delayed Hazard - No  
Fire Hazard - No  
Pressure Hazard - No  
Reactivity Hazard - No

**Section 302 extremely hazardous substance** No

**Section 311 hazardous chemical** Yes

### Inventory status

Country(s) or region	Inventory name	On inventory (yes/no)*
Australia	Australian Inventory of Chemical Substances (AICS)	No
Canada	Domestic Substances List (DSL)	No
Canada	Non-Domestic Substances List (NDSL)	No
China	Inventory of Existing Chemical Substances in China (IECSC)	No
Europe	European Inventory of New and Existing Chemicals (EINECS)	No
Europe	European List of Notified Chemical Substances (ELINCS)	No

Country(s) or region	Inventory name	On inventory (yes/no)*
Japan	Inventory of Existing and New Chemical Substances (ENCS)	No
Korea	Existing Chemicals List (ECL)	No
New Zealand	New Zealand Inventory	No
Philippines	Philippine Inventory of Chemicals and Chemical Substances (PICCS)	No
United States & Puerto Rico	Toxic Substances Control Act (TSCA) Inventory	Yes

A "Yes" indicates that all components of this product comply with the inventory requirements administered by the governing country(s)

**State regulations** This product does not contain a chemical known to the State of California to cause cancer, birth defects or other reproductive harm.

## 16. Other Information

**Further information** This safety datasheet only contains information relating to safety and does not replace any product information or product specification.

### HMIS ratings

HEALTH		/	1
FLAMMABILITY			0
PHYSICAL HAZARD			0
PERSONAL PROTECTION			

### NFPA ratings

Health: 1  
Flammability: 0  
Instability: 0

### Disclaimer

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The manufacturer expressly does not make any representations, warranties, or guarantees as to its accuracy, reliability or completeness nor assumes any liability, for its use. It is the user's responsibility to verify the suitability and completeness of such information for each particular use.

Third party materials: Insofar as materials not manufactured or supplied by this manufacturer are used in conjunction with, or instead of this product, it is the responsibility of the customer to obtain, from the manufacturer or supplier, all technical data and other properties relating to these and other materials and to obtain all necessary information relating to them. No liability can be accepted in respect of the use of this product in conjunction with materials from another supplier.

### Issue date

19-December-2008